SEQUENCE LISTING

<110> Venkitaraman, Ashok
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Blundell, Tom
Yu, David
Bates, Debbie

<120> Polypeptide methods and means

<130> 620-363

<140> 10/531,242

<141> 2005-04-14

<150> PCT/GB03/04485

<151> 2003-10-14

<150> GB 0223860.8

<151> 2002-10-14

<160> 20

<170> PatentIn version 3.1

<210> 1

<211> 28

<212> PRT

<213> Homo sapiens

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Leu Leu Gly Phe His Thr Ala Ser Gly Lys Lys Val Lys Ile Ala Lys
1 5 10 15

Glu Ser Leu Asp Lys Val Lys Asn Leu Phe Asp Glu
20 25

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<223> Consensus

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<222> (1)..(1)

<223> Xaa = Gly or Ser

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<222> (3, 11, 18, 22)

<223> Xaa = no preference

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<222> (4)..(4)

<223> Xaa = Thr or Ser

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<222> (7)..(7)

<223> Xaa = Gly or Ser or Asn

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<222> (9, 14, 15, 25)

<223> Xaa = hydrophilic

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<222> (10, 12)

<223> Xaa = hydrophobic

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<222> (16)..(16)

<223> Xaa = Ser or Ala

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<223> Xaa = Ala or Val or Ser

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<223> Xaa = Lys or Arg

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<222> (23)..(23)

<223> Xaa = hydrophobic or aromatic

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<222> (24)..(24)

<223> Xaa = Phe or Leu

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<222> (26)..(26)

<223> Xaa = Asp or Glu

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Xaa Phe Xaa Xaa Ala Ser Xaa Lys Xaa Xaa Xaa Xaa Ser Xaa Xaa Xaa
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Leu Xaa Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<210> 3

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<212> PRT

<213> Homo sapiens

<400> 3

Gly Phe Thr Thr Ala Thr Glu
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<210> 4

<211> 7

<212> PRT

<213> Drosophila melanogaster

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Gly Phe Leu Ser Ala Arg Thr
1 5

<210> 5

<211> 7

<212> PRT

<213> Saccharomyces cerevisiae

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Gly Phe Val Thr Ala Ala Asp
1 5

<210> 6

<211> 7

<212> PRT

<213> Homo sapiens

<400> 6

Gly Phe Leu Thr Ala Phe Glu
1 5

<210> 7

<211> 7

<212> PRT

<213> Pyrococcus furiosus

<400> 7

Thr Phe Met Arg Ala Asp Glu
1 5

<210> 8

<211> 7

<212> PRT

<213> Escherichia coli

<400> 8

Ser Ile Met Arg Leu Gly Glu
1 5

<210> 9

<211> 7

<212> PRT

<213> Homo sapiens

<400> 9

Gly Phe His Thr Ala Ser Gly
1 5

<210> 10

<211> 12

<212> PRT

<213> Artificial sequence

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<223> Flexible polypeptide linker

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Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
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<210> 11

<211> 12

<212> PRT

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<223> Flexible polypeptide linker

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Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser

1 5 10

<210> 12

<211> 12

<212> PRT

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<223> Flexible polypeptide linker

<400> 12

Gly Ser Gly Ser Gly Ser Gly Ser Gly Ser Gly Ser
1 5 10

<210> 13

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<212> PRT

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Gly Phe Xaa Thr Ala Ser Gly
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<210> 14

<211> 14

<212> PRT

<213> Artificial sequence

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<223> Flexible polypeptide linker

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Thr Gly Ser Thr Gly Ser Thr Gly Ser Thr Gly Ser Met Gly
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<210> 15

<211> 5

<212> PRT

<213> Homo sapiens

<400> 15

Thr Ala Ser Gly Lys
1 5

<210> 16

<211> 7

<212> PRT

<213> Homo sapiens

<400> 16

Phe His Thr Ala Ser Gly Lys
1 5

<210> 17

<211> 8

<212> PRT

<213> Homo sapiens

<400> 17

Gly Glu Phe Arg Thr Gly Lys Thr
1 5

<210> 18

<211> 5

<212> PRT

<213> Homo sapiens

<400> 18

Leu Leu Ile Val Asp
1 5

<210> 19
<211> 28
<212> PRT
<213> BRCA2 BRC sequence

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1 5 10 15

Glu Ser Leu Asp Lys Val Lys Asn Leu Phe Asp Glu
20 25

<210> 20
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<212> PRT
<213> BRC repeat sequence

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<222> (1)
<223> Xaa + F or Y

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<222> (2)
<223> Xaa = any amino acid

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<221> VARIANT
<222> (3)
<223> Xaa = T or S

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<221> VARIANT
<222> (5)
<223> Xaa = S or H or G

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<221> VARIANT
<222> (6)
<223> Xaa = G or S or N

<220>
<221> VARIANT
<222> (7)
<223> Xaa = K or R or T

<400> 20
Xaa Xaa Xaa Ala Xaa Xaa Xaa
1 5